

ABSTRACT

A universal modular container for containing, transporting, storing, or disposing of reactor pressure vessel heads (RPVHs) with attached control rod driving mechanisms has several sections that may be handled independently and thus allow easier handling of the container and packaging of the RPVHs. Various ring sections of different lengths may be used, to allow the container to have dimensions that are the best match for enclosing any particular intact reactor pressure vessel head with attached control rod driving mechanisms. The RPVH with attached CRDMs can be placed onto and attached to a bottom plate of the container, items can be removed from the reactor pressure vessel head, and then the ring sections attached to the bottom plate. The container is closed with a top plate, and the complete package is ready to be transported for storage or disposal in accordance with regulations for radioactive materials.